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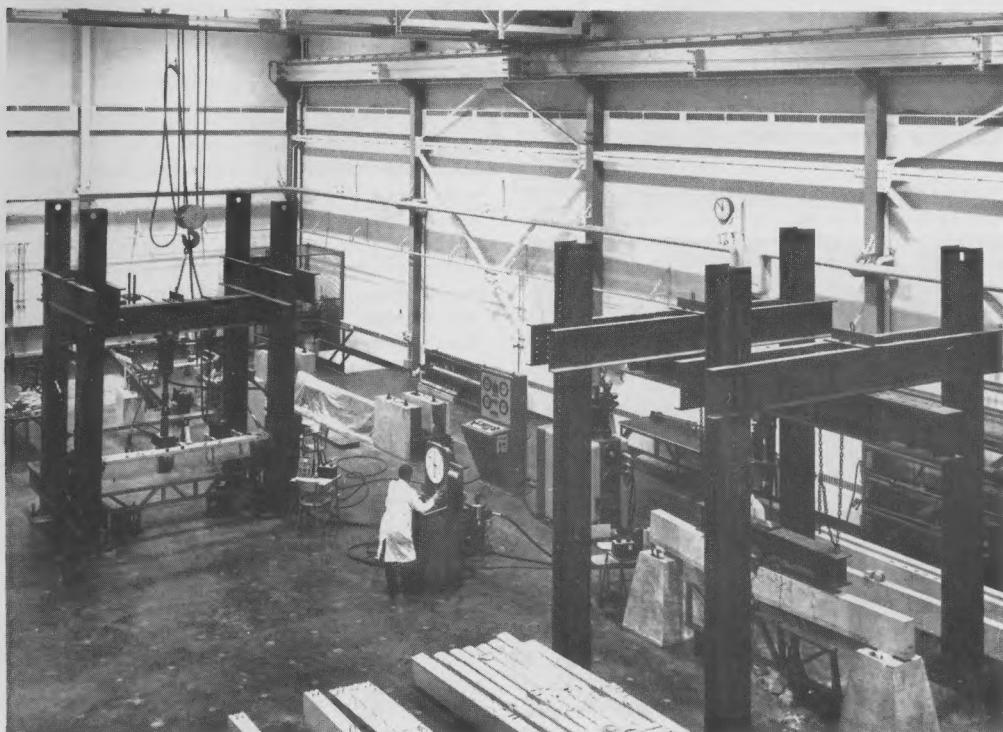
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Conference Commemorates Opening of Structures Laboratory

The Graduate Structures Laboratory, located west of Athabasca Hall, provides space for structural research by staff and graduate students in the Department of Civil Engineering. Contained in the 10,000 sq. ft. building are facilities for fabrication, curing and testing of both large and small scale structural elements. Several special features were incorporated in the design. These include a complete batching and mixing plant for producing concrete with predetermined properties. Considerable flexibility of testing is possible with the 35 ft. by 70 ft. heavy duty load bed which permits anchoring of load frames at 2 ft. intervals in either direction. Both static and dynamic loading can be obtained by use of Amsler hydraulic equipment.

Members of the academic staff of the Department of Civil Engineering directly associated with the laboratory are Professor J. Longworth, Dr. J. G. MacGregor, Dr. S. H. Simmonds and Dr. J. Warwaruk.

To commemorate the opening of the new Graduate Structural Laboratory the Department of Civil Engineering, in co-operation with the National Research Council of Canada, is sponsoring a Conference on Structural Engineering Research in Canada. This conference to be held in the Northern Jubilee Auditorium on November 30th and December 1st, 1964, will examine the objective and specific problems in research in the field of structures in Canada. Taking part in the conference will be representatives from all major Canadian universities, the Division of Building Research, the National Research Council of Canada and from industrial research organizations. Dr. M. R. Horne, University of Manchester, England, and Dr. C. P. Siess, University of Illinois, U.S.A., who are internationally known for their work in structural research, will be special guest speakers. During the conference delegates will have an opportunity of touring the new laboratory.



The new Graduate Structures Laboratory

Enrolment Figures Soar

Enrolment figures have now been compiled by the Registrar's Office and once again they reach an all-time high for the Edmonton campus. The total full-time, day-time enrolment of 9,681 is up 1,165 from last year or, if part-time and special students are included, the total daytime enrolment is 10,279. A cross-Canada survey conducted by the Financial Post this fall on projected full-time enrolment figures shows that the Edmonton campus of the University of Alberta ranks sixth largest in Canada. If the Calgary figures were to be included, we would rank 5th, replacing McGill University.

Perhaps the most significant increase in enrolment occurred in the Faculty of Graduate Studies which had the largest total increase of 235 making a total of 961 students. This figure was correct as of October 26 but does not include students who registered during Summer Session for the full year, nor the late registrants. The actual day-time graduate student enrolment now totals 1,312. Other full-time faculty totals follow. The figure in brackets is that of last year's enrolment: Agriculture 255 (204); Arts 1357 (1174); Commerce 619 (521); Dental Hygiene 33 (37); Dentistry 189 (191); Education 2494 (2265); Engineering 809 (756); Household Economics 106 (101); Law 136 (121); Medicine 371 (330); Nursing (including Diploma Nurses) 561 (505); Pharmacy 219 (207); Physical Education 207 (177); Rehabilitation Medicine 88 (71); and Science 1271 (1120).

Despite increases in Calgary, Lethbridge, Camrose, Mount Royal College, and the Northern Alberta Institute of Technology, and the opening of Red Deer Junior College, our own first year registration rose by 139 to a total of 2,291. Dr. W. H. Johns, in his Fall Convocation address, stated that if this rate of increase continues, as it appears likely to do, the limits of capacity of the Edmonton campus will be reached much sooner than we expected with a figure of 16,000 being possible by 1970 and perhaps 18,000 by 1972.

FACULTY NOTES



Dr. J. R. Nursall

The Board of Governors has named Dr. J. R. Nursall as Head of the Department of Zoology, to succeed Dr. D. M. Ross who was recently appointed Dean of Science.

Dr. Nursall has taught at the University for the past eleven years. During that time he has carried on a great deal of research on fresh water biology and the anatomy of fishes. He is a native of Regina, Saskatchewan, and attended the University of Saskatchewan where he was granted the B. A. and M. A. degrees. Prior to his posting at the University of Alberta he attended the University of Wisconsin where, in 1953, he was awarded the Ph. D. degree. During 1962 and 1963 he was on sabbatical leave at the British Museum of Natural History where he carried on research into fish fossils, supported in part by a Nuffield Foundation Travelling Fellowship.

Dr. Nursall is currently a Director of the Edmonton Zoological Society and Chairman of the Zoological Advisory Board of the Edmonton City Council. He is married and has three children.

Sessional Lecturer in Bacteriology, Dr. S. I. Hnatko, has been appointed Medical Director of the Misericordia Hospital in Edmonton.

The University of Alberta, Calgary has announced the appointment of a Chief Librarian. He is Dr. T. MacCallum-Walker, former deputy Librarian at Glasgow University.

Two members of the Department of Chemical Engineering have been elected to executive positions with the Chemical Engineering Division of the Chemical Institute of Canada. Dr. D. B. Robinson, Professor and Head of Chemical and Petroleum Engineering, became Vice-Chairman. Dr. I. G. Dalla Lana was made a member of the Executive Committee.

Mr. T. A. Preston, Associate Professor of Agricultural Engineering, was recently elected President of the new Northern Alberta Work Study Association, an association which encourages discussion and educational programs on work study topics. Mr. C. M. Lockwood, Associate Professor of Extension, was made Program Director.

Dr. H. S. Armstrong, President of the University of Alberta at Calgary, has been elected to the Board of Directors of the Calgary Philharmonic Symphony.

Recreational Swimming: Staff who have not renewed their lockers in the Physical Education Building are asked to do so immediately. Regular recreational swimming hours for faculty and students are as follows:

Monday through Friday - 4:30 - 5:30 p. m.
Monday, Tuesday,

Thursday, Friday - 8:00 - 9:00 p. m.
Saturday & Sunday - 1:00 - 5:00 p. m.
Faculty members and their wives have exclusive use of the pool Wednesdays from 8:00 - 9:30 p. m. Faculty wives may also swim Saturdays and Sundays from 1:00 - 5:00 p. m. Children of faculty members may swim Wednesdays from 8:00 - 9:00 p. m. and Saturdays and Sundays from 1:00 - 3:00 p. m. Adults require a privilege card available at the General Office in the Physical Education Building for \$5.00. Children require a \$2.00 ticket.

Two swim meets during December will cancel recreational swimming on Tuesday, December 8th and Saturday, December 19th.

Bilingual Exchange Scholarships

The Bank of Nova Scotia has recently instituted a program of Bilingual Exchange Scholarships, tenable at either the undergraduate or graduate level, to honour the Centenary of Confederation. These awards are being administered by the Canadian Universities Foundation.

Six awards will be made annually, commencing with the 1965 - 66 academic year, three to French-speaking candidates, three to English-speaking candidates. Each award will normally be tenable for one year. Undergraduate awards are valued at \$1,500 and graduate awards at \$2,500. English-speaking winners may attend any Canadian French-speaking university or college and French-speaking winners may attend any Canadian English-speaking university or college, pro-

viding that the institution in question is a member, or federated with a member, of the National Conference of Canadian Universities and Colleges.

Further information and application forms are available from, The Director of Awards, Canadian Universities Foundation, 75 Albert Street, Ottawa 4, Ontario. Applications must arrive at this address before March 15th.

Post-doctoral Fellowships

The Society for Religion in Higher Education is offering a number of post-doctoral fellowships. These fellowships, made available through a grant from the Danforth Foundation, are available to: (1) scholars in the humanities, social and natural sciences for a year of study in religion or (2) scholars in religion for a year of study in another discipline.

The maximum stipend is \$8,500. Stipends will be based on experience, present salary, and availability of other resources. The applicant's proposed program of study need not include a definite research project nor shall it be part of a degree program. Applicants must have a PhD degree or its equivalent plus at least three years of teaching experience. Preference will be given to scholars under 50 years of age. Additional information and application forms may be obtained from Mr. Lawrence P. DeBoer, Executive Director, The Society for Religion in Higher Education, 400 Prospect Street, New Haven 11, Connecticut. The deadline for completed applications is December 1st.

B. A. Oil Fellowship-Scholarship Plan

Beginning in the 1965-66 academic year the British American Oil Company will introduce an extensive fellowship-scholarship plan which will involve expenditure of \$265,000 during the first four years.

Five one year graduate fellowships will be offered in the first year, and ten in each year thereafter. These fellowships, which are tenable for graduate work at any Canadian university, are valued at \$4,000-\$3,000 to the student and \$1,000 to the department of the receiving university.

Scholarships will also be offered at the university entrance level to children of British American employees and its subsidiaries. These undergraduate scholarships are valued at \$1,000 for each of the four successfully completed years of any course leading to a bachelor's degree, or until the degree is received. Additional grants for each year of each award of \$500 will be made to the Canadian receiving university.

For further information and applications, contact the Director of Awards, Canadian Universities Foundation, 75 Albert Street, Ottawa 4, Ontario.

Official Opening of the Lister Hall Student Residence Complex

On Friday, November 6th, the Lister Hall - Student Residence Complex was formally opened and officially handed over to the University by the Government of the Province of Alberta.

Pictured below is the Hon. Mr. Ambrose Holowach, Provincial Secretary (left) presenting the keys to the buildings on behalf of the Minister of Public Works, the Honourable Mr. F. C. Colborne. Dr. C. M. Macleod, Chairman of the Board of Governors, accepts the keys on behalf of the University.



Dr. D. R. Stanley, President of the Alumni Association is pictured above presenting to Miss Sally Scott, President of the Women's House Committee, and Mr. Terry Hore, Sr. Men's Resident Advisor, representative books of a collection which the Alumni Association is giving to the residence reading rooms.

A total of \$25,000 will be spent by the Alumni Association on books and periodicals for the 5 new residence reading rooms on the Edmonton and Calgary campuses. The Association will also spend \$25,000 on other educational and cultural amenities. They have already installed one grand piano, three television sets, and a hi-fi set in Lister Hall and two upright pianos are on order.

Lister Hall, named after the late Reg Lister, a friend to resident students at this university for over 45 years, was officially opened by his widow. Mrs. Lister is shown above expressing the appreciation of the Lister family for this most fitting tribute to her husband. Below she is shown cutting the ribbon.



Fall Convocation, 1964

This year, for the first time, Fall Convocation was held separate from that of the Calgary campus. The November 7th ceremonies were held in the main gymnasium for the conferring of 600 graduate and undergraduate degrees. Prior to the conferring of these degrees the new Chancellor, Dr. Francis Philip Galbraith was installed and three distinguished graduates were awarded the Honorary Doctor of Laws degree.

Dr. Galbraith is pictured above repeating the oath of office for his six year term as Chancellor. He was installed by the Hon. Dr. J. Percy Page, Lt. Governor of the Province.

The three honorary degree recipients are pictured together prior to the ceremonies. They are, from left to right, The Honourable Mr. Justice Ronald Martland, Judge of the Supreme Court of Canada, Colonel G. R. Stevens, distinguished author, soldier, broadcaster, and film director, and Dr. D. K. Froman, outstanding American Nuclear physicist.

Calendar of Events November 16th to 30th

- Nov. 17 - General meeting of the Graduate Students' Association in Athabasca Dining Hall at 8:00 p.m. Departments are asked to bring this meeting to the attention of their graduate students.
- Studio Theatre: Eugene O'Neill's "Long Days Journey Into Night" directed by Frank Bueckert, designed by Norman Yates and starring John Rivet, Lee Royce, Kenneth Agrell-Smith, Douglas Riske and Susan MacFarlane. Curtain time: 8:00 p.m. Tickets \$2.00 and \$1.50 at Studio Theatre Box Office or the Allied Arts Box Office. The play continues through to November 21.
- In conjunction with the Opening production of Studio Theatre a display of paintings by Edmontonian Margaret Kitsco will be shown in the Studio Theatre lobby until December 8th.
- Nov. 19 - The Faculty of Commerce presents Mr. Wallace Crowston who will speak on current and interesting aspects of operations research which will be of particular interest to Engineers, Mathematicians, and Economists, New Faculty Club Lounge, at 8:00 p.m. There is no charge but please telephone 439 - 6301 if you will be attending.
- Nov. 20 - Dental Hygiene Capping ceremonies in the Lister Hall Banquet Room at 3:30 p.m. By invitation only.
- Nov. 26 - Joint meeting of the Humanities Association and the Philosophical Society: Dr. B. L. Evans will speak on "Mao-Tse Tung is a Member of our Commune: Chinese Education Today" in Room 2104, Medical Sciences Building at 8:15 p.m. Admission by membership or \$.25.
- Nov. 27 - Official Opening of Red Deer Junior College.
Law School Forum presents Dr. Marcel Chaput speaking on "Separatism". Details below.
Fine Arts Painting Division Staff Show begins in the Education Building foyer, through to December 18. An exhibition of Drawings by Saskatchewan Artists will be shown in the Fine Arts Gallery through to December 18th.
- Nov. 27 & 28 - The Northern Montana Northern Lights play the U. of A. Golden Bear basketball team in the main gymnasium at 8:30 p.m. Adults \$1.00, Students \$.50 at the door.
- Nov. 30 - The World University Service Treasure Van of international handicrafts from 28 different countries will be on sale through to December 4 in the Armed Forces Building from 11:00 a.m. to 11:00 p.m.
Official Opening of the Graduate Structural Laboratory.
- The Rutherford Library is featuring music displays on such subjects as Canadian composers, Japanese instruments, the University Singers, Folk Music, and the B. F. A. in music program.



Dr. Marcel Chaput

Law School Forum

The Law School Forum in conjunction with the Students' Union has invited Dr. Marcel Chaput to speak November 27 at 8:00 p.m. in Room 126 of the Math-Physics Building. His topic is "Separatism". Dr. Chaput has his PhD in biochemistry and served for nine years as Research Officer at the Defence Research Board in Ottawa. He is better known, however, as one of the leading figures in the Quebec separatist movement, author of "Why I am a Separatist", former president of the Rassemblement Pour L'Indépendance Nationale, and founder of the Parti Républicain du Québec.

Coming Events

International Debate: On December 14 two university debaters will arrive from Great Britain to debate with two members of the McGoun debating team on the topic resolved: "That politics is too serious a business to be left to the intellectuals". The University of Alberta debaters, who are yet to be chosen, will take the negative side. The British Students are David Penney-Davey, 22, a law student at King's College, London, and John Sutherland Thane, 23, a law student at Exeter College, Oxford. Sponsored by the Law School Forum, with the help of the British Information Office, the debate will take place in Convocation Hall at 8:00 p.m.